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Department of Ecology
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WATER WELL REPORT

STATE OF WASHINGTON

Water Right Permit No.

Notice of Intent W122575

UNIQUE WELL I.D. # AFG 212

(1) OWNER: Name Shepherd Assembly C/O Mike Colburn Address P.O. Box 1318, Couville, WA 98239
(2) LOCATION OF WELL: County Island NE 1/4 SW 1/4 Sec 18 T. 31 N. R. 2E W.M.
(2a) STREET ADDRESS OF WELL (or nearest address) 16604 SR 20 Couville
TAX PARCEL NO. 31-2E-18L

(3) PROPOSED USE: ☒ Domestic ☐ Industrial ☐ Municipal
☐ Irrigation ☐ Test Well ☐ Other
☐ DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) _____
☒ New Well Method: ☐ Dug ☐ Bored
☐ Deepened ☐ Cable ☐ Driven
☐ Reconditioned ☒ Rotary ☐ Jetted
☐ Decommission

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 276 feet Depth of completed well 275 ft.

(6) CONSTRUCTION DETAILS:
Casing installed:
☒ Welded 6 " Diam. from +2 ft. to 275 ft.
☐ Liner installed _____ " Diam. from _____ ft. to _____ ft.
☐ Threaded _____ " Diam. from _____ ft. to _____ ft.

Perforations: ☐ Yes ☒ No
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

Screens: ☐ Yes ☒ No ☐ K-Pac Location _____
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ from _____ ft. to _____ ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel/Filter packed: ☐ Yes ☒ No ☐ Size of gravel/sand _____
Material placed from _____ ft. to _____ ft.

Surface seal: ☒ Yes ☐ No To what depth? 18 ft.
Material used in seal Bentonite
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
Type: _____ H.P.

(8) WATER LEVELS: Land-surface elevation _____ ft.
above mean sea level _____ ft.
Static level 248ft 11in ft. below top of well Date 5/16/00
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____
(Cap, valve, etc)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☒ Yes ☐ No If yes, by whom? Aquatech
Yield: 17.6 gal./min. with 3' 1" ft. drawdown after 7min hrs.
Yield: 17.6 gal./min. with 0 ft. drawdown after 4 hrs.
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
2:11	252'5in	2:12	249'4in	2:13	247'10in
2:14	247'3in	2:15	247'1.5in	2:16	247'5in
2:17	247'	2:18	247'	2:19	247'

Date of test 5/17/00

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Airtest 17 gal./min. with stem set at 273 ft. for 1 hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analyses made? ☐ Yes ☒ No

(10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIPTION:

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered.

MATERIAL	FROM	TO
topsoil	0	1
brown silty sand & gravel	1	90
brown med sand	90	122
brown gravel & sand	122	143
brown sand gravel & silt	143	169
brown med sand	169	190
brown coarse gravel & sand	190	223
brown sand & silt	223	248
brown silty sand & seepage	248	263
brown med sand & water	263	270
gray gravel sand & water	270	

Well site meets siting criteria of Island
County code 8.09.

Job # 00104

RECEIVED
MAY 24 2000
NWURO
DEPT OF ECOLOGY
LWR

Work Started 5/12/00 , 19. Completed 5/16/00 , 19

WELL CONSTRUCTION CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Type or Print Name Brannon Hopkin License No. 1825
(Licensed Driller/Engineer)

Trainee Name _____ License No. _____

Drilling Company Aquatech Well Drilling & Pumps Inc.

(Signed) Brannon Hopkin License No. 1825
(Licensed Driller/Engineer)

Address 2722 Butler Crk Rd Sedro Woolley Wa 98284

Contractor's
Registration No. AQUATWD040K4 Date 5/19/00 , 19

(USE ADDITIONAL SHEETS IF NECESSARY)

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